



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Jean-Luc RENAUD-BEZOT et al.

Serial No.: New Application

Filed: July 26, 2001

For: EXPLOSIVE AMMUNITION WITH FRAGMENTING STRUCTURE

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination of the above-identified application,  
please enter the following specification changes as noted below:

IN THE CLAIMS:

Please amend claims 3-8 as follows:

3. (Amended) Explosive ammunition as claimed in claim 1,  
characterized in that the means generating a stress differential  
include a netting (11) solidly joined to the case (7) or placed

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between the case and the shell (2), said netting constituting the weakening array.

4. (Amended) Explosive ammunition as claimed in claim 1, characterized in that the case (7) is made of plastic.

5. (Amended) Explosive ammunition as claimed in claim 3, characterized in that the netting (11) is imbedded in the case.

6. (Amended) Explosive ammunition as claimed in claim 1, characterized in that the array is fitted with square elementary meshes (9).

7. (Amended) Explosive ammunition as claimed in claim 1, characterized in that the shell (2) is made of steel or tungsten.

8. (Amended) Explosive ammunition as claimed in claim 1, characterized in that the case (7) constitutes a nose cone (7a).



REMARKS

Claims 1-8, as amended, remain herein.

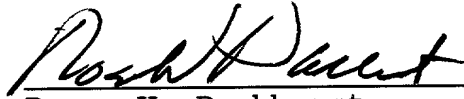
This Preliminary Amendment is submitted to eliminate multiply dependent claims from the above-identified application.

Examination of this application on its merits is respectfully requested.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

July 26, 2001  
Date

  
Roger W. Parkhurst  
Registration No. 25,177

Attachment:

Mark Up of Amended Claims

RWP/ame

Attorney Docket No. CELA:083

PARKHURST & WENDEL, L.L.P.  
1421 Prince Street, Suite 210  
Alexandria, Virginia 22314-2805  
Telephone: (703) 739-0220

## CLAIMS

1. An explosive ammunition (1) having a fragmenting structure which comprises an explosive charge (3) configured in a splinter-generating shell (2), where said ammunition is

characterized in that

it comprises a case (7) enclosing the shell (2) and including means which during ammunition initiation will implement a mechanical stress differential at the outside surface of the shell (2), where said differential enhances splinter generation and which is spatially distributed across a regular array.

2. Explosive ammunition as claimed in claim 1, characterized in that the means creating a stress differential include an inside surface (8) of the case (7) fitted with an array of salients of which each related mesh (9) is hollow and is bounded by a salient rib(10) making contact with the shell (2), such a configuration assuring weakening this shell (2) during ammunition initiation along the ribs (10) to generate splinters.

3. Explosive ammunition as claimed in ~~either of claims 1 and 2~~claim 1, characterized in that the means generating a stress differential include a netting (11) solidly joined to the case (7) or placed between the case and the shell (2), said netting constituting the weakening array.

4. Explosive ammunition as claimed in ~~one of claims 1 through 3~~claim 1, characterized in that the case (7) is made of plastic.

5. Explosive ammunition as claimed in ~~either of claims 3 and 4~~claim  
3, characterized in that the netting (11) is imbedded in the case.

6. Explosive ammunition as claimed in ~~one of claims 1 through 6~~claim  
1, characterized in that the array is fitted with square elementary meshes (9).

7. Explosive ammunition as claimed in ~~one of claims 1 through 6~~claim  
1, characterized in that the shell (2) is made of steel or tungsten.

8. Explosive ammunition as claimed in ~~one of claims 1 through 7~~claim  
1, characterized in that the case (7) constitutes a nose cone (7a).